Index of Claims

| Application/Control No. | Applicant(s)/Patent under Reexamination |
|-------------------------|---|
| 10/656,805              | LAROSA, GREGORY J.                      |
| Examiner                | Art Unit                                |
| Chun Crowder            | 1644                                    |

| <b>√</b> | Rejected |
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| =        | Allowed  |

| - | (Through numeral)<br>Cancelled |
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| ÷ | Restricted                     |

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| ı | Interference | С |

| A | Appeal   |
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| Claim Date   |          |        |        |          |  | Г      | Claim Date   |        |  |  |  |          |      |       |          |  | Claim Date                                       |  |          |          |          |          |          |          |   |       |            | $\neg$   |          |           |          |          |          |           |          |          |
|--------------|----------|--------|--------|----------|--|--------|--------------|--------|--|--|--|----------|------|-------|----------|--|--|--|----------|----------|----------|----------|----------|----------|---|-------|------------|----------|----------|-----------|----------|----------|----------|-----------|----------|----------|
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| Final        | Original | 17/ 4/ | 412/06 |          |  |        |              |        |  |  |  |          |      | Final | Original |  |  |  |          |          |          |          |          |          |   | Final | Original   |          |          |           |          |          |          |           |          |          |
|              | 1        | 5      |        | _        | -  | ╈      | ┪            | $\neg$ |  | <del>                                     </del> | $\vdash$   | $\vdash$ |      |       | 51       | <del>                                     </del> |  |  | $\Box$   |          | 7        | _        | ┪        | $\dashv$ | ŀ |       | 101        |          |          |           |          |          |          | T         |          |          |
| $\vdash$     | 2        | ٦      |        |          | -  | 十      | 7            | _      |  | Н  | ┢  | 1        | t    |       | 52       | <u> </u>   |  | П  |          |          | ヿ        | $\dashv$ | $\neg$   | $\dashv$ | ı |       | 102        |          |          | $\neg$    | $\neg$   |          |          | ヿ         |          | $\Box$   |
| $\vdash$     | 3        | ۲      | H      |          | _  | +      | 7            |        | -  | H  | H  | Н        | F    |       | 53       | $\vdash$   |  |  | $\neg$   | $\neg$   | ┪        | 7        | 7        | _        | ۲ |       | 103        |          |          |           |          |          |          | $\neg$    |          |          |
|              | 4        | t      | t      |          | Н  | t      | 7            | -      | -  | t  | $\vdash$   | Н        | h    |       | 54       |  |  |  |          |          | $\neg$   |          | 一        | _        | ٦ |       | 104        |          | $\neg$   | $\neg$    |          |          |          | T         |          |          |
| <u> </u>     | 5        | t      | H      |          | Н  | $^{+}$ | +            | _      | $\vdash$   | $\vdash$   | <del>                                     </del> | Н        |      |       | 55       |  |  |  | $\vdash$ |          | $\neg$   |          | ┪        | _        | ı |       | 105        |          |          |           |          |          |          | 7         |          | $\neg$   |
|              | 6        | H      | H      |          | _  | 十      | +            |        |  | <del>                                     </del> | 一  | П        | ı    |       | 56       | <u> </u>   | Н  |  |          |          | _        | $\neg$   | 一        | _        | ı |       | 106        |          |          |           |          |          |          |           |          |          |
|              | 7        | Н      | Н      |          |  | 十      | 7            |        |  | <b>†</b>   |  |          | i    |       | 57       | _  |  |  |          |          | 寸        |          | T        | ┪.       | T |       | 107        |          |          |           |          |          |          |           |          | $\Box$   |
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|              | 9        | H      | h      | _        | Т  | T      | 1            |        | $\vdash$   | Г  |  | П        |      |       | 59       |  |  |  |          |          | $\neg$   |          | T        |          | ı |       | 109        |          |          |           |          |          |          |           |          | П        |
|              | 10       | П      | Г      |          |  | T      | 7            |        |  | П  |  | П        |      |       | 60       |  |  |  |          |          |          |          |          |          | Γ |       | 110        |          |          |           |          |          |          |           |          |          |
|              | 11       |        | Г      |          |  | T      | T            |        |  |  |  | П        |      |       | 61       |  |  |  |          |          |          |          |          |          |   |       | 111        |          |          |           |          |          |          |           |          |          |
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|              | 13       | Γ      | Γ      |          |  | Ι      |              |        |  |  |  |          |      |       | 63       |  |  |  |          |          |          |          | $\Box$   |          |   |       | 113        |          |          |           |          |          |          |           |          |          |
|              | 14       |        |        |          |  | Ι      |              |        |  |  |  |          |      |       | 64       |  |  |  |          |          |          |          |          |          | L |       | 114        |          |          |           |          |          |          |           |          |          |
|              | 15       | Ĺ      | П      |          | 匚  | Ι      | $\Box$       |        |  |  |  |          | -    |       | 65       |  |  |  |          |          |          |          |          | _        | L |       | 115        |          |          |           |          |          |          | $\sqcup$  |          |          |
|              | 16       | L      |        |          | L  | L      |              |        |  |  |  | Ш        |      |       | 66       |  | ļ  |  |          |          | _        | _        | $\perp$  | _        | L |       | 116        |          |          |           |          |          |          |           |          |          |
|              | 17       | L      |        |          | L  | L      | _            |        |  | L  |  | Ш        | - 0- |       | 67       |  | _  |  | Ш        |          | _        |          | _        | _        | L |       | 117        |          |          | _         |          |          | _        | _         |          |          |
|              | 18       | L      | Ц      | _        | L  | L      | ┙            |        |  | _  |  |          |      |       | 68       | L  |  |  | Щ        |          |          |          | _        | _        | L |       | 118        |          |          |           |          |          | _        | $\Box$    |          | $\perp$  |
|              | 19       | L      | 1      |          | L  | L      | 4            |        |  | _  | ╙  | Ш        | Ļ    |       | 69       | L  |  |  | Ш        |          |          | _        |          | _        | L |       | 119        | Ш        | $\dashv$ | _         |          | _        |          |           |          | $\vdash$ |
|              | 20       | L      | Ц      | _        | L  | ╀      | 4            |        |  | <u> </u>   | <u> </u>   | Ш        |      |       | 70       | _  |  |  |          | _        | _        | _        | _        |          | L |       | 120        |          |          | _         | _        |          |          | $\dashv$  |          |          |
|              | 21       | L      | Ц      | _        | L  | ╀      | 4            |        | _  | <u> </u>   |  | Ш        | -    |       | 71       | <u> </u>   | _  |  |          |          | _        | -        |          | _        | ┝ |       | 121        |          |          | _         | _        | _        |          | $\dashv$  |          | $\vdash$ |
| <u> </u>     | 22       | L      | Ц      |          | _  | ╀      | 4            |        | <u> </u>   | ┡  | ┡  |          |      |       | 72       | _  | L  |  | Н        | _        |          |          | $\dashv$ |          | ⊦ |       | 122        |          | _        |           |          | _        | _        | -         |          |          |
|              | 23       | L      | Ц      | L        | L  | ╀      | 4            |        | _  | <u> </u>   | <u> </u>   | Н        |      |       | 73       | _  | -  | Ш  | Н        |          | -        |          |          | -        | ⊦ |       | 123        |          | $\dashv$ |           | _        |          |          | $\dashv$  |          | $\vdash$ |
|              | 24       | L      | H      |          | L  | 4      | 4            |        | <u> </u>   | ├-   | -  | Н        | -    |       | 74       | <u> </u>   | ├  | _  | Н        |          |          | $\dashv$ | $\dashv$ | ┥.       | ŀ |       | 124        | -        | $\dashv$ | _         | _        |          | -        | $\dashv$  |          | $\vdash$ |
|              | 25       | L      | Н      | _        | _  | ╀      | 4            |        | <u> </u>   | ├  | -  | Н        |      |       | 75       |  |  |  |          |          | -        | $\dashv$ | $\dashv$ | $\dashv$ | ŀ |       | 125        | Н        | $\dashv$ | _         |          |          | $\vdash$ | $\dashv$  |          | $\vdash$ |
|              | 26       | Н      | H      | <u> </u> | <del> </del>                                     | ╀      | +            |        | <u> </u>   | ├  | ├  | Н        |      |       | 76       |  |  | Н  |          |          | -        |          | ᆉ        |          | ╌ |       | 126<br>127 | _        | $\dashv$ | $\dashv$  | $\dashv$ | _        |          | $\dashv$  | _        | Н        |
|              | 27       | Н      | H      | H        | -  | ╀      | +            | _      | <u> </u>   | ⊢  | ╀  | Н        | -    |       | 77<br>78 | ├—   | -  | Н  |          |          |          | $\dashv$ | $\dashv$ | Н.       | ŀ |       | 128        | _        | $\dashv$ | $\dashv$  | -        |          |          |           |          | $\vdash$ |
|              | 28       | Н      | H      | $\vdash$ | ┝  | ╁      | +            |        | -  | ╁  | ├  | Н        | ŀ    |       | 79       | $\vdash$   |  | Н  |          | -        |          | $\dashv$ | $\dashv$ | $\dashv$ | ŀ |       | 129        |          | $\dashv$ | -         |          |          |          | $\dashv$  | _        | $\vdash$ |
| <u> </u>     | 29<br>30 | Н      | ┝      | _        | ⊢  | ╁      | +            |        | -  | ┝  | ┢  | Н        | ŀ    |       | 80       | Н  | $\vdash$   | -  | Н        | $\dashv$ | ┽        | $\dashv$ | -+       |          | ŀ |       | 130        | _        |          | -         |          |          | -        | $\dashv$  | _        | $\neg$   |
| ├─           | 31       | Н      | ┝      | $\vdash$ | H  | ╁      | ┥            |        | $\vdash$   | $\vdash$   | ⊢  | Н        |      |       | 81       | $\vdash$   | ⊢  | H  | -        | _        | ┪        | $\dashv$ | -1       |          | + |       | 131        |          |          |           |          |          |          | $\dashv$  |          | <u> </u> |
| -            | 32       | Н      | H      | _        | ┝  | ╁      | +            |        | -  | $\vdash$   | ┢  | $\vdash$ | -    |       | 82       | $\vdash$   | ┝  | ┢  |          | $\dashv$ | -        |          | $\dashv$ | $\dashv$ | ŀ |       | 132        |          | $\vdash$ | _         |          |          |          | $\neg$    |          | т        |
| <del> </del> | 33       | Н      | Н      | _        | $\vdash$   | +      | +            |        | -  | $\vdash$   | $\vdash$   | Н        |      |       | 83       | $\vdash$   | <del>                                     </del> | $\vdash$   | $\vdash$ | $\dashv$ | $\dashv$ |          | -        | $\dashv$ | ŀ |       | 133        |          | Н        |           |          |          |          | $\dashv$  |          |          |
| <del> </del> | 34       | H      | H      | _        | $\vdash$   | †      | +            |        | _  | 一  | t  | Н        |      |       | 84       |  | T  | $\vdash$   | H        |          | 一        | $\dashv$ | $\neg$   | $\dashv$ | ۲ |       | 134        | _        | $\vdash$ | $\exists$ |          |          |          | $\dashv$  |          |          |
| -            | 35       | H      | -      | Т        | <del>                                     </del> | +      | 7            |        | <del>                                     </del> | T  | †-   | П        |      |       | 85       | $\vdash$   | ┢  |  | П        | $\neg$   | $\dashv$ |          | $\neg$   | ヿ        | t |       | 135        |          | $\Box$   |           |          |          |          |           |          | $\neg$   |
|              | 36       | Ħ      | _      | _        | Т  | t      | 1            |        |  | T  | Г  | П        |      |       | 86       | T  | <del>                                     </del> | П  | П        |          | 7        |          |          | $\neg$   | ı |       | 136        |          | $\Box$   |           |          |          |          |           |          | $\neg$   |
|              | 37       | Ħ      |        |          | Г  | T      | 7            | _      | Г  | Π  |  | П        |      |       | 87       | Г  | T  |  |          |          | $\neg$   | $\neg$   | $\neg$   | ヿ        | ٦ |       | 137        |          |          |           |          |          |          |           |          |          |
|              | 38       | Ħ      |        | Т        | Т  | Τ      | 7            | _      | T  | $\vdash$   |  | П        |      |       | 88       | Г  | Г  |  | П        |          | $\neg$   | $\neg$   | 一        | $\neg$   |   |       | 138        |          |          |           |          |          |          |           | _        |          |
|              | 39       | Ħ      | Г      | _        | Ι_   | 1      | T            |        | Γ  | T  | Т  | П        |      |       | 89       |  |  |  |          |          |          |          |          |          | ٦ |       | 139        |          |          |           |          |          |          |           |          |          |
|              | 40       | П      | Г      |          | Γ  | Ť      | 1            |        | Γ  | Γ  |  | П        |      |       | 90       |  |  |  |          |          |          |          |          |          | ſ |       | 140        |          |          |           |          |          |          |           |          |          |
|              | 41       | П      | Г      |          | Γ  | T      | T            |        |  | 1  |  | П        |      |       | 91       |  |  |  |          |          |          |          |          |          |   |       | 141        |          |          |           |          |          |          |           |          |          |
|              | 42       | П      |        |          |  | T      | T            |        |  |  |  |          |      |       | 92       |  |  |  |          |          |          |          |          |          |   |       | 142        |          |          |           |          |          |          |           |          |          |
|              | 43       | П      |        |          |  | Ι      | Ī            | _      |  | Γ  |  |          |      |       | 93       |  |  |  |          |          |          |          |          |          |   |       | 143        |          |          |           |          |          |          |           |          |          |
|              | 44       | П      |        |          |  | I      | $oxed{oxed}$ |        | 匚  |  | $\Box$   |          |      |       | 94       |  |  |  | $\Box$   |          |          |          | [        |          |   |       | 144        |          | Щ        |           |          |          | Щ        |           | _        | $\vdash$ |
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|              | 47       |        | L      | _        | _  | Ţ      | Ц            |        | L  | $\perp$  | $\perp$  | Ш        |      |       | 97       | _  | <u> </u>   | $\sqcup$   | Ш        |          |          |          | _        |          | Ļ |       | 147        | L        | Щ        |           | _        |          | Щ        | Ш         |          | $\vdash$ |
|              | 48       | Ŀ      | ī      | _        | L  | 1      | 4            |        | L  | $\perp$  | <u> </u>   | Ш        |      |       | 98       | <u> </u>   | <u> </u>   | <u> </u>   | _        |          | _        | _        | _        | _        | ŀ |       | 148        | <u> </u> | $\sqcup$ |           | Ш        | $\vdash$ | $\vdash$ | $\square$ |          | $\vdash$ |
|              | 49       | L      |        | L        | _  | 1      | 4            |        | _  | _  | $\vdash$   | Ш        |      |       | 99       | <u> </u>   | <u> </u>   | ļ  | Щ        |          | _        |          | _        | _        | ŀ |       | 149        | <u> </u> | Щ        |           | $\sqcup$ | _        | -        | $\vdash$  |          | <b>-</b> |
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